


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12281 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 18477.008

First Inventor Murry N. ARIMILLI

Title Method and Compositions for Identifying Anti-HIV
Therapeutic Compounds

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 1718]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ☐]
5. ☐ Oath or Declaration [Total Pages ☐]
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or
its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No: 10 / 424,186

Prior application information: Examiner to be assigned

Group / Art Unit: 1645

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

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or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

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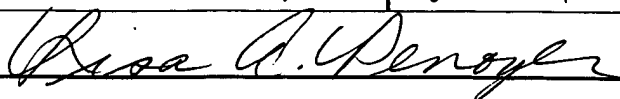
Name (Print/Type)

David R. Marsh/Lisa A. Penoyer

Registration No. (Attorney/Agent)

41,408/51,204

Signature



Date

December 22, 2003

031356 U.S. PTO

10/740694

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555 Twelfth Street, NW
Washington, DC 20004-1206

December 22, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Continuation-In-Part Application based on U.S. Application
No. 10/424,186 filed April 25, 2003
Appln. No.: To Be Assigned
Filed: Herewith
For: Method and Compositions for Identifying Anti-HIV Therapeutic
Compounds
Applicants: ARIMILLI *et al.*
Atty Docket: 18477.008

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office (PTO):

1. Utility Patent Application Transmittal (PTO/SB/05);
2. U.S. Continuation-In-Part Application entitled:

**Method and Compositions for Identifying Anti-HIV Therapeutic
Compounds**

and naming as inventors:

**Murry N. ARIMILLI, Mark M. BECKER, Gabriel BIRKUS, Clifford
BRYANT, James M. CHEN, Xiaowu CHEN, Tomas CIHLAR, Azar
DASTGAH, Eugene J. EISENBERG, Maria FARDIS, Marcos
HATADA, Cong-Xin HE, Haolun JIN, Choung U. KIM, Christopher
P. LEE, William A. LEE, Kuei-Ying LIN, Hongtao LIU, Richard L.
MACKMAN, Martin J. McDERMOTT, Michael L. MITCHELL,
Peter H. NELSON, Hyung-Jung PYUN, Tanisha D. ROWE, Mark
SPARACINO, Sundaramoorthi SWAMINATHAN, James D. TARIO,**

**Jianying WANG, Matthew A. WILLIAMS, Lianhong XU, Zheng-Yu
YANG, Richard H. YU, Jiancun ZHANG, and Lijun ZHANG;**

the application consisting of:

- a. a specification containing:
 - (i). 1699 pages of a description prior to the claims;
 - (ii). 18 pages of claims (180 claims);
 - (iii). a one (1) page abstract; and
3. two (2) return postcards.

This application is being filed without a Declaration or filing fee.

This application is a continuation-in-part of U.S. Non-provisional Application No. 10/424,186, filed April 25, 2003, which claims the benefit of U.S. Provisional Application No. 60/375,622, filed April 26, 2002, U.S. Provisional Application No. 60/375,779, filed April 26, 2002, U.S. Provisional Application No. 60/375,834, filed April 26, 2002, and U.S. Provisional Application No. 60/375,665, filed April 26, 2002.

This application is also a continuation-in-part of U.S. Non-provisional Application No. 10/423,496, filed April 25, 2003, which claims the benefit of U.S. Provisional Application No. 60/375,622, filed April 26, 2002, U.S. Provisional Application No. 60/375,779, filed April 26, 2002, U.S. Provisional Application No. 60/375,834, filed April 26, 2002, and U.S. Provisional Application No. 60/375,665, filed April 26, 2002.

This application is also a continuation-in-part of U.S. Non-provisional Application No. 10/424,130, filed April 25, 2003, which claims the benefit of U.S. Provisional Application No. 60/375,622, filed April 26, 2002, U.S. Provisional Application No. 60/375,779, filed April 26, 2002, U.S. Provisional Application No. 60/375,834, filed April 26, 2002, and U.S. Provisional Application No. 60/375,665, filed April 26, 2002.

This application is also a continuation-in-part of International Application No. PCT/US03/12901, filed April 25, 2003, PCT/US03/12926, filed April 25, 2003, and

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Commissioner for Patents
Atty. Docket: 18477.008
December 22, 2003
Page 3

PCT/US03/12943, filed April 25, 2003.

This application also claims the benefit under §119(e) of U.S. Provisional Application No. 60/465,810, filed April 25, 2003, U.S. Provisional Application No. 60/465,721, filed April 25, 2003, and U.S. Provisional Application No. 60/465,824, filed April 25, 2003.

Please stamp one of the two attached postcards with the filing date of these documents and return it to our courier, and stamp the other prepaid postcard with the filing date and unofficial application number and return it as soon as possible.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Lisa A. Penoyer".

David R. Marsh (Reg. Attorney No. 41,408)

Lisa A. Penoyer (Reg. Agent No. 51,204)

Enclosures